Serial No. 09/889,383

THYES et al.

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APPENDIX I:

CLAIM AMENDMENTS:

Cancel Claims 1 and 2 and enter new Claims 3 to 8 as indicated in the following listing of the claims:

- 1. (canceled)
- 2. (canceled)
- 3. (new) A process for reducing the ethyl 3-dimethylamino-2-phenyl-propionate content of a cis/trans mixture of ethyl 2-dimethyl-amino-1-phenyl-3-cyclohexene-1-carboxylate which is contaminated with said phenylpropionate, which process comprises
 - selectively converting the ethyl 3-dimethylamino-2-phenyl- propionate into ethyl atropate by eliminating dimethyl amine without essentially affecting the cis/trans ratio of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate by
 - providing a solution of the contaminated cis/trans mixture of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate in a water immiscible solvent,
 - adding to said solution a carboxylic acid in amounts of from 0.75 to 2.0 equivalents per mole of the ethyl 2-dimethylamino-1- phenyl-3-cyclohexene-1-carboxylate, and
 - stirring the resulting reaction mixture for 0.5 to 2 hours at a temperature of from 50°C to 100°C.
- 4. (new) The process of claim 3, wherein the resultant content of 3-dimethylamino-phenyl-propionic acid-ethylester is below 0.10%.
- 5. (new) The process of claim 3, which further comprises recovering the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate by extracting the water immiscible solvent phase at an alkaline pH with water and subsequently concentrating the water immiscible solvent phase.
- 6. (new) The process of claim 3, which comprises adding to the solution of the contaminated cis/trans mixture of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate in a water immiscible solvent a formic acid and/or acetic acid in amounts of from 0.75 to 2.0 equivalents per mole of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate,

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Serial No. 09/889,383

THYES et al.

PF04800001211

stirring the resulting mixture for 0.5 to 2 hours at a temperature of from 50°C to 100°C .

- 7. (new) The process of claim 6, which further comprises recovering the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate by extracting the water immiscible solvent phase at an alkaline pH with water and subsequently concentrating the water immiscible solvent phase.
- 8. (new) The process of claim 6, wherein the resultant content of 3-dimethylamino-phenyl-propionic acid-ethylester is below 0.10%.

Serial No. 09/889,383

THYES et al.

PF 0480001211

Current Claims 3 to 8:

- 3. (new) A process for reducing the ethyl 3-dimethylamino-2-phenylpropionate content of a cis/trans mixture of ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate which is contaminated with said phenylpropionate, which process comprises selectively converting the ethyl 3-dimethylamino-2-phenylpropionate into ethyl atropate by eliminating dimethyl amine without essentially affecting the cis/trans ratio of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate by providing a solution of the contaminated cis/trans mixture of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate in a water immiscible solvent, adding to said solution a carboxylic acid in amounts of from 0.75 2.0 equivalents per mole of the ethyl 2-dimethylamino-1phenyl-3-cyclohexene-1-carboxylate, and stirring the resulting reaction mixture for 0.5 to 2 hours at a temperature of from 50°C to 100°C.
- 4. (new) The process of claim 3, wherein the resultant content of 3-dimethylamino-phenyl-propionic acid-ethylester is below 0.10%.
- 5. (new) The process of claim 3, which further comprises recovering the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate by extracting the water immiscible solvent phase at an alkaline pH with water and subsequently concentrating the water immiscible solvent phase.
- 6. (new) The process of claim 3, which comprises adding to the solution of the contaminated cis/trans mixture of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate in a water immiscible solvent a formic acid and/or acetic acid in amounts of from 0.75 to 2.0 equivalents per mole of the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate, stirring the resulting mixture for 0.5 to 2 hours at a temperature of from 50°C to 100°C.
- 7. (new) The process of claim 6, which further comprises recovering the ethyl 2-dimethylamino-1-phenyl-3-cyclohexene-1-carboxylate by extracting the water immiscible solvent phase at an alkaline pB with water and subsequently concentrating the water immiscible solvent phase.
- 8. (new) The process of claim 6, wherein the resultant content of 3-dimethylamino-phenyl-propionic acid-ethylester is below 0.10%.